

Document Number:
 400592088
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WELL ABANDONMENT REPORT

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set. A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

OGCC Operator Number: 96155 Contact Name: Sonia Stephens
 Name of Operator: WHITING OIL AND GAS CORPORATION Phone: (303) 928-7128
 Address: 1700 BROADWAY STE 2300 Fax: (303) 218-5678
 City: DENVER State: CO Zip: 80290 Email: regulatory@petro-fs.com

For "Intent" 24 hour notice required, Name: Rains, Bill Tel: (970) 590-6480
COGCC contact: Email: bill.rains@state.co.us

API Number 05-123-09986-00
 Well Name: BUSH Well Number: 1
 Location: QtrQtr: NWNW Section: 15 Township: 10N Range: 58W Meridian: 6
 County: WELD Federal, Indian or State Lease Number: _____
 Field Name: WILDCAT Field Number: 99999

Notice of Intent to Abandon Subsequent Report of Abandonment

Only Complete the Following Background Information for Intent to Abandon

Latitude: 40.843924 Longitude: -103.858897
 GPS Data:
 Date of Measurement: 09/20/1980 PDOP Reading: 0.0 GPS Instrument Operator's Name: _____
 Reason for Abandonment: Dry Production for Sub-economic Mechanical Problems
 Other Re-enter to Re-plug
 Casing to be pulled: Yes No Estimated Depth: _____
 Fish in Hole: Yes No If yes, explain details below
 Wellbore has Uncemented Casing leaks: Yes No If yes, explain details below
 Details: _____

Current and Previously Abandoned Zones

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth

Total: 0 zone(s)

Casing History

Casing Type	Size of Hole	Size of Casing	Weight Per Foot	Setting Depth	Sacks Cement	Cement Bot	Cement Top	Status
SURF	12+1/4	8+5/8	24	249	65	249	0	

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth _____ with _____ sacks cmt on top. CIBP #2: Depth _____ with _____ sacks cmt on top.
CIBP #3: Depth _____ with _____ sacks cmt on top. CIBP #4: Depth _____ with _____ sacks cmt on top.
CIBP #5: Depth _____ with _____ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 60 sks cmt from 5800 ft. to 5600 ft. Plug Type: OPEN HOLE Plug Tagged:
Set 60 sks cmt from 2100 ft. to 1900 ft. Plug Type: OPEN HOLE Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Set _____ sks cmt from _____ ft. to _____ ft. Plug Type: _____ Plug Tagged:
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
Perforate and squeeze at _____ ft. with _____ sacks. Leave at least 100 ft. in casing _____ CICR Depth
(Cast Iron Cement Retainer Depth)
Set 100 sacks half in. half out surface casing from 325 ft. to 0 ft. Plug Tagged:
Set _____ sacks at surface
Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: Yes No
Set _____ sacks in rat hole Set _____ sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: _____ ft. of _____ inch casing Plugging Date: _____
*Wireline Contractor: _____ *Cementing Contractor: _____
Type of Cement and Additives Used: _____
Flowline/Pipeline has been abandoned per Rule 1103 Yes No *ATTACH JOB SUMMARY

Technical Detail/Comments:

Re-Plug and Abandon Procedure

1. Notify COGCC at least 48-hours prior to the start of operations using a Form 42. Verify with James Kopp that this is completed prior to moving the rig in.
 2. Take GPS coordinates of well location. Send information to:
James Kopp James.kopp@whiting.com (303)357-1410
 3. MIRU Bayou Rig. Mob-in pump, swivel, tank, and 2-7/8" PH-6 workstring. NU 7-1/16" 5K BOP w/2-7/8" pipe rams on top and blind rams on bottom, pressure test high and low. PU full gauge 7-7/8" bit & TIH on 2-7/8" tubing.
 4. Drill out existing cement plugs down to approximately 250 ftKB.
 5. Clean out to approximately 6,000 ftKB.
 6. Once depth has been reached, TOOH with 2-7/8" workstring standing back.
 7. MIRU gyro equipment. PU tools and RIH while logging down to 6,000 ftKB. POOH while logging, LD tools.
 8. MIRU wireline crew. PU Logging tools and & NU pack-off or lubricator. RIH w/ logging tools to 6,000 ftKB. Log full length of wellbore. POOH, ND pack-off or lubricator and LD tools. Send data to Denver office for review. Onsite Whiting geologist to review logging data and verify sidewall core sample intervals.
 9. PU sidewall rotary coring tools and NU pack-off or lubricator. RIH w/ coring tools to first interval verified by Whiting geologist and core 10 intervals uphole. POOH, ND pack-off lubricator & LD tools. Verify that all core samples were successfully collected. RD wireline crew.
 10. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 60sks, API Class G, 1.15 cu-ft/sk, 15.8ppg cement, balancing plug at 5,800 ftKB. TOOH with 2-7/8" workstring standing back. Let cement cure overnight.
 11. TIH with 2-7/8" workstring. Tag TOC with EOT, record depth.
 12. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 60 sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug at 2,000 ftKB. TOOH with 2-7/8" workstring standing back. Let cement cure overnight.
 13. TIH with 2-7/8" workstring. Tag TOC with EOT, record depth.
 14. MIRU cement crew. Pressure test surface lines to 2,000psi. Mix and pump 100 sks, API Class G, 1.15 cu-ft/sk, 15.8 ppg cement, balancing plug from 325 ftKB to surface. TOOH with 2-7/8" workstring, LD on float.
 15. Cut off WH to 5' below GL and fill hole.
 16. Weld on cap with plugging information plate. Backfill cellar.
 17. Reclaim disturbed surface.
- Access letter and Pictures are attached as "Other".

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: _____ Print Name: Sonia Stephens
 Title: Regulatory Technician Date: _____ Email: regulatory@petro-fs.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.

COGCC Approved: _____ Date: _____

CONDITIONS OF APPROVAL, IF ANY: _____ Expiration Date: _____

<u>COA Type</u>	<u>Description</u>

Attachment Check List

<u>Att Doc Num</u>	<u>Name</u>
400592126	WELLBORE DIAGRAM
400592127	WELLBORE DIAGRAM
400592132	OTHER
400592133	PROPOSED PLUGGING PROCEDURE
400592134	OTHER

Total Attach: 5 Files

General Comments

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)